

# Memorandum

To: CHAIR AND COMMISSIONERS

CTC Meeting: May 14, 2009

Reference No.: 2.5b.(1)  
Action Item

From: CINDY McKIM  
Chief Financial Officer

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Division Chief  
Budgets

Subject: **FINANCIAL ALLOCATION FOR SHOPP PROJECTS**  
**RESOLUTION FP-08-45**

## **RECOMMENDATION:**

The Department of Transportation (Department) recommends the California Transportation Commission (Commission) allocate \$453,183,000 for 17 projects programmed in the 2008 State Highway Operation and Protection Program (SHOPP) and \$25,725,000 for nine additional projects amended into the SHOPP by department action.

## **ISSUE:**

The attached vote list describes 26 SHOPP projects totaling \$478,908,000. The Department is ready to proceed with these projects and is requesting an allocation at this time.

## **FINANCIAL RESOLUTION:**

Resolved, that \$478,908,000 be allocated from the Budget Act of 2008, Budget Act Items 2660-302-0042 and 2660-302-0890, for the 26 SHOPP projects described on the attached vote list.

The Department has complied with the National Environmental Policy Act and the California Environmental Quality Act requirements in preparing these projects.

Attachments

2.5 Highway Financial Matters

Project # Allocation Amount County Dist-Co-Rte Postmile	Location Project Description	EA PPNO Program/Year Prgm'd Amount	Budget Year Item # Fund Type	Amount by Fund Type
<b>2.5b.(1) SHOPP Projects</b>				
<b>Resolution FP-08-45</b>				
1 \$1,800,000 Humboldt 01N-Hum-36 40.4	Near Bridgeville west of Van Duzen River Bridge. <u>Outcome/Outputs:</u> Remove slide materials, reconstruct and stabilize slope and construct tie-back wall at 1 location damaged by heavy rainstorms.	475701 01-2223 SHOPP/08-09 \$2,086,000	2008-09 302-0042 SHA 302-0890 FTF	\$207,000 \$1,593,000
2 \$300,000 Mendocino 01N-Men-101 R83.4/R87.5	Near Piercy at various locations south of Rattlesnake Creek Bridge to south of Route 271. <u>Outcome/Outputs:</u> Reconstruct cut slope, repair rock-lined ditch, repair shoulder, replace metal beam guardrail and install down drain at 2 locations damaged by heavy rainfall.	477601 01-4468 SHOPP/08-09 \$500,000	2008-09 302-0042 SHA 302-0890 FTF	\$35,000 \$265,000
3 \$3,200,000 Plumas 02N-Plu-70 79.1	Near Beckworth at LT Davis Safety Roadside Rest Area. <u>Outcome/Outputs:</u> Rehabilitate roadside rest area at 1 location to comply with ADA requirements and to provide reliable and safe roadside rest area for the traveling public and those moving goods in and through California.	377811 02-3333 SHOPP/08-09 \$3,200,000	2008-09 302-0890 FTF	\$3,200,000
4 \$238,927,000 Shasta 02N-Sha-5 R39.2/R40.9	Near Lakehead at Sacramento River Bridge #06-0089 (Antlers). <u>Outcome/Outputs:</u> The existing structure was built in 1941 and has exceeded its design life and exhibits significant characteristics of aging. This project will replace the existing bridge over Lake Shasta with a 1936 foot long, 5-lane cast-in-place concrete segmental box girder superstructure on a CIDH substructure. In addition, geometric roadway improvements will be made to standardize two curves immediately south of the bridge. The bridge width will include two northbound and three southbound lanes. The number three southbound lane will serve as a truck climbing lane starting south of the railroad underpass. Shoulder widths and barrier heights will accommodate the I-5 bicycle route.	378901 02-3090 SHOPP/07-08 \$238,927,000	2008-09 302-0042 SHA 302-0890 FTF	\$20,142,000 \$218,785,000
5 \$1,246,000 Tehama 02N-Teh-5 40.6	Near Red Bluff at the northbound Cottonwood Truck Scales. <u>Outcome/Outputs:</u> Replace 3 weigh-in-motion scales and the approach/departure slabs at 1 location to upgrade the existing scales and to replace the existing approach and the departure slabs that are in poor condition to be able to take accurate readings.	4C7901 02-3336 SHOPP/08-09 \$1,246,000	2008-09 302-0042 SHA	\$1,246,000
6 \$2,950,000 El Dorado 03N-ED-50 15.4	Near Placerville at Weber Creek Bridge #25-0005R/L. <u>Outcome/Outputs:</u> Seismic retrofit, widen and upgrade bridge rail, remove AC overlay and install polyester concrete overlay at 2 bridges to maintain structural integrity, reduce the risk to lives and properties, and to comply with the Seismic Retrofit Strategy Report.	2E1701 03-3264 SHOPP/08-09 \$2,950,000	2008-09 302-0042 SHA	\$2,950,000
7 \$6,616,000 Nevada 03N-Nev-80 5.6	Near Donner Summit at the Safety Roadside Rest Areas. <u>Outcome/Outputs:</u> Rehabilitate roadside rest areas at 2 locations to comply with ADA requirements and to provide reliable and safe roadside rest area for the traveling public and those moving goods in and through California.	4A2401 03-5058 SHOPP/08-09 \$8,491,000	2008-09 302-0890 FTF	\$6,616,000

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<b>2.5b.(1) SHOPP Projects</b>				
<b>Resolution FP-08-45</b>				
8 \$175,000,000 Placer 03N-Pla-80 55.7/67.5	Near Emigrant Gap, from Carpenter Flat to Hampshire Rocks. <u>Outcome/Outputs:</u> The deteriorating condition of the roadway pavement does not meet the expectations of the traveling public and is at the end of the design life. The roadway rehabilitation is necessary to maintain public safety and connectivity of the highway system. The purpose of this project is to extend the serviceable life and maintain structural integrity of the roadway through pavement, drainage, and structural rehabilitation. This project will remove and replace failed sections of pavement slabs prior to Portland Concrete Cement (PCC) overlay of 43 lane miles and replacing structural sections in lanes and outside shoulders; overlay ramps with PCC pavement; reconstruct Metal Beam Guardrails (MBGR); place median and shoulder concrete barrier; rehabilitate 144 drainage systems by lining culverts and replacing overside drains; rehabilitate 13 bridges by replacing bridge decks, placing polyester concrete overlays and replacing approach slabs and joint seals; install dynamic warning signs and overhead sign structures, upgrade lighting at interchanges and chain on/off locations; upgrade traffic count stations; replace pavement sensors for the Road Weather Information system; and place cable net drapery along two cut slopes.	2C8601 03-5074 SHOPP/07-08 \$175,000,000	2008-09 302-0042 SHA 302-0890 FTF	\$14,752,000 \$160,248,000
9 \$2,281,000 Sacramento 03N-Sac-51 6.0/8.3	In Sacramento, from Howe Avenue to north of Watt Avenue. <u>Outcome/Outputs:</u> Restore highway planting by replacing existing planting, upgrade irrigation system and install maintenance vehicle pullouts to provide safe areas for Caltrans Maintenance personnel to park and perform roadside maintenance.	1A1401 03-6386 SHOPP/08-09 \$2,200,000	2008-09 302-0042 SHA	\$2,281,000
10 \$1,278,000 Alameda 04N-Ala-580 9.0	In Livermore at the Livermore Weigh Station. <u>Outcome/Outputs:</u> Rebuild the scale house building to improve operation at the Weigh Scale Facility and to comply with the ADA requirements.	3A9701 04-0720C SHOPP/08-09 \$2,278,000	2008-09 302-0042 SHA	\$1,278,000
11 \$6,289,000 Solano 04N-Sol-80 6.6/6.8	In Vallejo at Hunter Hill Safety Roadside Rest Area. <u>Outcome/Outputs:</u> Demolish and rebuild the Hunter Hill Safety Rest Area to comply with the ADA, California Occupational Safety and Health Administration (Cal-OSHA) and Rest Area Master Plan standards.	299001 04-4319 SHOPP/08-09 \$8,217,000	2008-09 302-0042 SHA 302-0890 FTF	\$531,000 \$5,758,000
12 \$3,317,000 San Luis Obispo 05N-SLO-101 0.7/31.7	In and near Pismo Beach at various locations. <u>Outcome/Outputs:</u> Upgrade metal beam guardrail and crash cushions at 90 different locations to improve highway safety.	0K5701 05-5700 SHOPP/08-09 \$3,317,000	2008-09 302-0890 FTF	\$3,317,000
13 \$1,650,000 Los Angeles 07S-LA-710 26.5/27.4	In Monterey Park and Alhambra, from Route 10 to Valley Boulevard. <u>Outcome/Outputs:</u> Restore vegetation, upgrade irrigation system and construct vehicle pullouts on 19 acres to prevent erosion and to provide maintenance worker safety.	179701 07-2131 SHOPP/08-09 \$1,901,000	2008-09 302-0042 SHA	\$1,650,000
14 \$966,000 Riverside 08S-Riv-10 R15.7	Near Banning at the Desert Hills truck inspection facility. <u>Outcome/Outputs:</u> Upgrade the electrical system, install a backup generator and LPG tanks to accommodate the increased electrical power needs of the expanded facility.	0F1901 08-0009K SHOPP/08-09 \$825,000	2008-09 302-0042 SHA	\$966,000
15 \$1,412,000 Stanislaus 10N-Sta-99 R21.9/R22.3	In Salida, at Route 99/219 Separation. <u>Outcome/Outputs:</u> Construct turn channelization and storage lanes at the ramp intersections to improve highway traffic flow and operations.	0K7001 10-9464 SHOPP/08-09 \$1,617,000	2008-09 302-0042 SHA	\$1,412,000

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<b>Resolution FP-08-45</b>				
16 \$4,721,000 Imperial 11S-Imp-8 R31.3	Near El Centro at Sunbeam Rest Area; also on Route 111 near Calipatria at Two Rivers Rest Area (PM 29.4). <u>Outcome/Outputs:</u> Upgrade three safety roadside rest areas to comply with ADA standards and OSHA requirements.	261501 11-0518 SHOPP/08-09 \$4,721,000	2008-09 302-0042 SHA 302-0890 FTF	\$542,000 \$4,179,000
17 \$1,230,000 Orange 12S-Ora-405 0.2/24.2	In and near Fountain Valley, from Route 5 to the Los Angeles County line; also on Routes 22 and 605 at various locations. <u>Outcome/Output:</u> Remove and/or prune eucalyptus trees on 21 acres of land to improve roadside safety.	0F9001 12-3421B SHOPP/08-09 \$1,305,000	2008-09 302-0042 SHA	\$1,230,000

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<b>2.5b.(1) Projects Amended into the SHOPP by Department Action</b>				
<b>Resolution FP-08-45</b>				
18 \$888,000 Lassen 02N-Las-139 7.3/7.5	Near Susanville, from south of Antelope Radio Street to south of Rice Canyon Road. <u>Outcome/Outputs:</u> Increase curve radius, increase lane widths and add paved shoulders at 1 location to improve the geometry and sight distance of a curve to improve safety and to reduce the number and severity of collisions.	0E8301 02-3380 SHOPP/08-09 \$775,000	2008-09 302-0042 SHA	\$888,000
19 \$480,000 Siskiyou 02N-Sis-96 28.8/29.2	Near Happy Camp, from 0.2 to 0.7 miles east of Independence Safety Roadside Rest Area. <u>Outcome/Outputs:</u> Reconstruct roadway super elevation, transitions, and standard crown sections with 2 feet paved shoulders to meet current Highway Design Manual standards and reduce the number and severity of collisions.	2E0801 02-3416 SHOPP/08-09 \$500,000	2008-09 302-0042 SHA	\$480,000
20 \$900,000 El Dorado 03N-ED-50 67.8/68.6	Near Meyers at various locations, from 1.2 miles east to 2.0 miles east of Echo Summit. <u>Outcome/Outputs:</u> Cover cut slope with wire mesh drapery at 3 locations to prevent landslide during heavy rainfall.	4E4101 03-3295 SHOPP/08-09 \$900,000	2008-09 302-0042 SHA	\$900,000
21 \$700,000 Sutter 03N-Sut-99 40.2	In Live Oak at Pennington Road. <u>Outcome/Outputs:</u> Modify traffic signal and widen roadway to improve traffic safety.	3E9601 03-8369 SHOPP/08-09 \$765,000	2008-09 302-0042 SHA	\$700,000
22 \$641,000 Tulare 06S-Tul-65 23.4/25.1	Near Strathmore, between the Friant-Kern Canal Bridge and Avenue 196. <u>Outcome/Outputs:</u> Construct 1.7 centerline miles of thrie-beam median barrier to prevent cross median collisions.	0H7101 06-6372 SHOPP/08-09 \$774,000	2008-09 302-0042 SHA	\$641,000
23 \$16,500,000 Los Angeles 07S-LA-5 R64.8/R66.1	Near Santa Clarita south of Templin Highway at the Templin Highway Undercrossing. <u>Outcome/Outputs:</u> Restore the original roadway alignment at one location and reopen lanes to traffic. Remove damaged roadway structural section and expansive subgrade material and replace with engineered fill. Place portland concrete cement structural section and surfacing, install a drainage system, rock slope protection, and concrete lined drainage channel, concrete barrier and an irrigation system.	1X6501 07-4029 SHOPP/08-09 \$21,000,000	2008-09 302-0042 SHA 302-0890 FTF	\$1,391,000 \$15,109,000
24 \$3,200,000 San Diego 11S-SD-76 R2.2/R4.2	In Oceanside, from Airport Roads to Rancho Del Oro Drive. <u>Outcome/Outputs:</u> Construct 8980 linear feet of concrete barrier to eliminate cross median collisions.	259211 11-0654 SHOPP/08-09 \$7,684,000	2008-09 302-0890 FTF	\$3,200,000

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<b>2.5b.(1) Projects Amended into the SHOPP by Department Action</b>				<b>Resolution FP-08-45</b>
25 \$1,970,000 Orange 12S-Ora-5 9.4/13.5	Near San Juan Capistrano on northbound Route 5 near Route 74 (Ortega Highway), and on northbound Route 5 near Avery Parkway, and on southbound Route 5 from Avery Parkway to Junipero Road. <u>Outcome/Outputs</u> : Groove 28 lane miles of pavement to reduce collisions due to wet pavement.	0J5601 12-2624 SHOPP/08-09 \$1,970,000	2008-09 302-0042 SHA 302-0890 FTF	\$167,000 \$1,803,000
26 \$446,000 Orange 12S-Ora-73 R26.6	In Costa Mesa, from the northbound Route 73 off-ramp to northbound Route 55 (Newport Ave). <u>Outcome/Outputs</u> : Overlay AC pavement with open graded asphalt concrete and groove PCC pavement at 1 location to reduce wet pavement collisions and improve traffic safety.	0J5301 12-4096J SHOPP/08-09 \$475,000	2008-09 302-0042 SHA	\$446,000